

Gold/Tin Alloy Foil (Au80/Sn20)

Formula: Au80/Sn20

Temper: As Rolled

Thickness: 0.025mm

Length 1: 5mm

Length 2: 5mm

UOM Code: 730-587-03

SKU: 1000034554-group

Product Code: AU06-FL-000120

Material Properties for Precious Metals

Thermal Properties

Element	Value
Melting point(C)	280
Thermal conductivity(W m ⁻¹ K ⁻¹)	57@23°C
Coefficient of thermal expansion(x10 ⁻⁶ K ⁻¹)	16@20-100°C

Mechanical Properties

Element	Value
Shear strength(MPa)	270-280
Tensile strength(MPa)	270-280